



Sheet 1 of 1

FORM PTO-1449
(REV. 6-89)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney's Docket No.

22227-05479

Serial No.

09/848,982

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Applicant

Ted E. Dunning et al.

Filing Date

May 3, 2001

Group Art Unit

2644

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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Technology Center 2600**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
LW	A	EP 1 050 833	11/08/00	EP	G06F	17/60	Yes	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LW	B	Jones, Karen S. and Willett, Peter, "Reading In Information Retrieval," Morgan Kaufmann Publishers, Inc., 1997, pp. 25-110, 205-246, 257-412, 440-445, 469-502, 527-533
	C	Salton, Gerard and McGill, Michael J., "Introduction to Modern Information Retrieval," Computer Science Series, McGraw-Hill, Inc., 1983, pp. 1-23, 52-156, 199-302, 354-435
	D	van Rijsbergen, C. J., "Information Retrieval," [online], 1979 [retrieved on 2001-08-24] Retrieved from the Internet <URL: http://www.dcs.gla.ac.uk/Keith/Preface.html >
	E	Witten, I. H. and Frank, Eibe, "Data Mining Practical Machine Learning Tools and Techniques with Java Implementations," Academic Press, 2000, pp. 57-76

EXAMINER

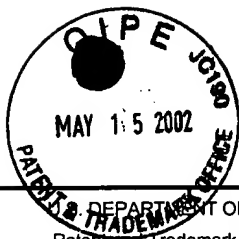
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22227/05479/DOCS/1202407.1



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U.S. PATENT DOCUMENTS

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LW	A	US 6,272,495 B1	08/07/01	Hetherington	707	101	04/22/98
LW	B	US 6,185,560 B1	02/06/01	Young et al.	707	6	
LW	C	6,131,082	10/10/00	Hargrave, III et al.	704	7	
LW	D	6,105,022	08/15/00	Takahashi et al.	707	3	
LW	E	5,678,054	10/14/97	Shibata	707	395	794 532
LW	F	5,497,488	03/05/96	Akizawa et al.	707	395	600 6
LW	G	5,392,212	02/21/95	Geist	707	364	419.11 532
LW	H	5,303,150	04/12/94	Kameda	704	364	419.08 9
LW	I	5,241,674	08/31/93	Kuorsawa et al.	707	395	600 6
LW	J	3,568,156	03/02/71	Thompson	340	172.5	

U.S. Publication DOCUMENTS

		Patent Application Publication Number	Publication Date	Applicant	Filing Date	Application No.	
LW	K	US 2002/0010714 A1	01/24/02	Hetherington	07/03/01	09/898,948	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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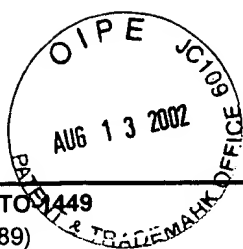
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FORM PTO-449
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Applicant
Ted E. Dunning et al.Filing Date
May 3, 2001Group Art Unit
2644**U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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U.S. Publication DOCUMENTS

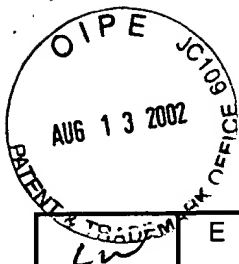
Patent Application Publication Number	Publication Date	Applicant	Filing Date	Application No.

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
LW	A	EP 1 050 833 A2	11/08/00	EP	G06F	17/60		No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LW	B	Agosti, M., Gradenigo, G., Marchetti, P.G., "A Hypertext Environment for Interacting with Large Textual Databases," pp. 469-477
LW	C	Belkin, N. J., Oddy, R.N., Brooks, H. M., "The Journal of Documentation", Volume 38, Number 2, June 1982, pp. 299-304
LW	D	de Marcken, Carl, "The Unsupervised Acquisition of a Lexicon from Continuous Speech," Massachusetts Institute of Technology Artificial Intelligence Laboratory; Center for Biological and Computational Learning, Department of Brain and Cognitive Sciences, A.I. Memo No. 1558 and C.B.C.L. Memo No. 129, November 2001, pp. 1-27

**RECEIVED****AUG 19 2002****Technology Center 2100** Sheet 2 of 2

E	Griffiths, Alan, Luckhurst, H. Claire and Willett, Peter, "Using Interdocument Similarity Information in Document Retrieval Systems, pp. 365-373
F	Hull, David A. and Grefenstette, Gregory, "Querying Across Languages: A Dictionary-Based Approach to Multilingual Information Retrieval," pp. 484-492
G	Jones, K. Sparck, Jones, G.J.F., Foote, J.T. and Young, S.J., "Experiments in Spoken Document Retrieval," pp. 493-502
H	Jones, Karen Sparck, "Search Term Relevance Weighting Given Little Relevance Information," revised version received January 14, 1979, pp. 329-338
I	Keen, E. Michael, "Presenting Results of Experimental Retrieval Comparisons," Department of Information & Library Studies, University College of Wales, Aberystwyth, SY23 3AS, U.K., pp. 217-222
J	Lancaster, F.W., "MEDLARS: Report on the Evaluation of Its Operating Efficiency," pp. 223-246
K	McCune, Brian P., Tong, Richard M., Dean, Jeffrey S. and Shapiro, Daniel G., "RUBRIC: A System for Rule-Based Information Retrieval," pp 440-445
L	"Mel-Frequency Cepstral Analysis," [online] [retrieved on 2001-02-02] Retrieved from the Internet <URL: http://ccrma-www.stanford.edu/~unjung/mylec/mfcc.html >, pp. 1-3
M	Rau, Lisa F., "Conceptual Information Extraction and Retrieval from Natural Language Input," Artificial Intelligence Program GE Research and Development Center, Schenectady, NY 12301, pp. 527-533
N	Robertson, S.E., "The Probability Ranking Principle in IR," pp. 281-286
O	Robertson, S.E. and Walker, S., "Some Simple Effective Approximations to the 2-Poisson Model for Probabilistic Weighted Retrieval," pp. 345-354
P	Salton, G and McGill, M.J., "The SMART and SIRE Experimental Retrieval Systems," pp. 381-399
Q	Salton, G., Wong, A. and Yang, C.S., "A Vector Space Model for Automatic Indexing," revised March 1975, pp. 273-280
R	Salton, Gerard, Allan, James, Buckley, Singhal, Amit, "Automatic Analysis, Theme Generation, and Summarization of Machine-Readable Texts," pp. 478-483
S	Salton, Gerard and Buckley, Christopher, "Term-Weighting Approaches in Automatic Text Retrieval," accepted in final form January 26, 1988, pp. 323-328
T	Strzalkowski, Tomek, "Robust Text Processing in Automated Information Retrieval," pp. 317-322
U	Tague-Sutcliffe, Jean, "The Pragmatics of Information Retrieval Experimentation, Revisited," pp. 205-222
EXAMINER <i>[Signature]</i> DATE CONSIDERED <i>9/19/02</i>	
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